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AN: PAT 2002-165142
TI: Recovering biological object from biological material located on support, comprises dissolving away object from material by irradiating it using laser beam, and catapulting from support to collecting device
PN: DE10015156-A1
PD: 18.10.2001
AB: NOVELTY - Recovering a biological object from a biological material located on a support (3) comprises dissolving away the object from the material by irradiating it using a laser beam; and catapulting from the support to a collecting device (2). DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a device for recovering a biological object from a biological material comprising a support (3) for holding the biological material; a laser source (4) for irradiating the material; a collecting device (2) for collecting the biological object; and an adjusting device (7) for adjusting the laser beam produced by the laser source. Preferred Features: Irradiation of the biological object is carried out in the form of laser blast. To catapult the biological object from the support to the collecting device, the object is radiated with a laser beam having an energy which is higher compared with the energy used to cut the biological material.; USE - Used in biotechnology. ADVANTAGE - The object can be quickly and easily removed from the material. DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the device for recovering a biological object from a biological material. Collecting device 2 Support 3 Laser source 4 Adjusting device 7
PA: (PALM-) PALM GMBH;
IN: SCHUETZE K;
FA: DE10015156-A1 18.10.2001;
CO: DE;
IC: G01N-001/04; G01N-001/28; G01N-033/48;
MC: J04-B01; S03-E13A; S03-E13D; S03-E14H;
DC: J04; S03;
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FP: 18.10.2001
UP: 05.04.2002

